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ABSTRACT

Recycling of metals and materials has as its purpose the easing of two major environmental crises. First, we re-utilize scarce and non-renewable resources. Second, solid waste disposal problems can be alleviated. Industry has long been concerned with reclaiming its own waste products, and is now beginning to respond to the need for dealing with municipal waste disposal problems. Cities are faced with expensive programs; dumps are ugly and unsanitary; land for dumping is in short supply. Large-scale recycling of industrial and municipal wastes is a hopeful approach both to the resource and the solid waste disposal dilemma. Since recycling is currently an important research and development area, a bibliography on this subject should be useful to special librarians in the metals and materials field. Included is a selection of research reports, articles, and books, as well as industry and government brochures on the topic. (Author)

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RECYCLING of metals and materials

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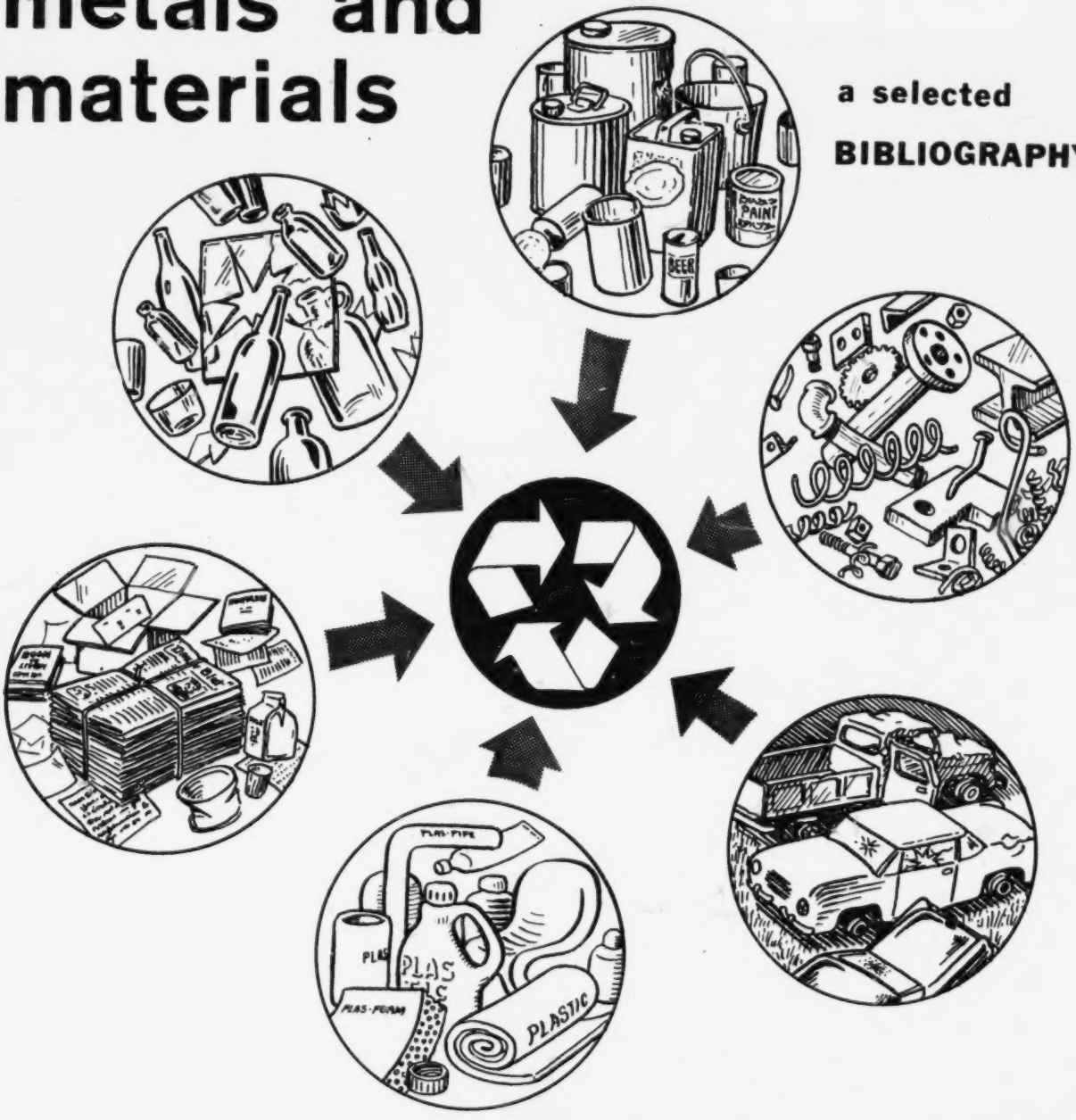

LI 004 149

U.S. ENVIRONMENTAL PROTECTION AGENCY

New England Regional Office, Boston, Massachusetts

RECYCLING OF METALS AND MATERIALS:
A SELECTED BIBLIOGRAPHY

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CONTENTS

Introduction

Preface

Acknowledgments

Bibliography

1.0 What is Recycling?

2.0 Policy

3.0 Economics

4.0 Solid Waste

5.0 Metals -- General

6.0 Metals -- Ferrous

7.0 Metals -- Non-ferrous

8.0 Glass

9.0 Paper and Wood

10.0 Plastics

11.0 Rubber

12.0 Other Materials

Additional Bibliographic Sources

INTRODUCTION

Recycling is not a new concept, but the idea of recycling in business and industry is being discovered and promoted with great vigor. Both money and materials can be saved by recycling. It challenges one's imagination to find ways of reusing instead of throwing away. In fact new and exciting products have been developed by grinding, melting, shaping metals, minerals and other materials which would have been discarded.

The theme for the Metals/Materials Division of Special Libraries Association 1972 Conference program is Recycling/Reclaiming Metals/Materials. The idea of a bibliography on the theme was suggested to Ruth Seidman and Lee Castrow. Research started on the project early in 1972. Members of the M/M Division have also made worthwhile contributions.

This bibliography was initially distributed to members of the Metals/Materials Division of the Special Libraries Association at the 63rd Annual Conference in Boston, Massachusetts. Additional copies are now available at the Region I Public Affairs Office, Room 2303, J.F.K. Building, Boston, Mass. 02203.

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May 1972

PREFACE

Recycling of metals and materials has as its purpose the easing of two major environmental crises. First, we re-utilize scarce and non-renewable resources. Second, solid waste disposal problems can be alleviated.

Industry has long been concerned with reclaiming its own waste products, and is now beginning to respond to the need for dealing with municipal waste disposal problems. Cities are faced with expensive disposal programs; dumps are ugly and unsanitary; land for dumping is in short supply. Large-scale recycling of industrial and municipal wastes is a hopeful approach both to the resource and the solid waste disposal dilemma.

Since recycling is currently an important research and development area, a bibliography on this subject should be useful to special librarians in the metals and materials field. Included is a selection of research reports, articles, and books, as well as industry and government brochures on the topic.

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A computer search performed by the staff of the Solid Waste Information Retrieval System, U.S. Environmental Protection Agency, has also provided material for this bibliography.

We wish to thank all of those whose efforts contributed to this project.

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